

Title (en)
FILTER ASSEMBLY FOR WASTE FLUID DISCHARGED BY A HOUSEHOLD APPLIANCE AND METHOD FOR ASSEMBLING/DISASSEMBLING SUCH FILTER ASSEMBLY

Title (de)
FILTERANORDNUNG FÜR VON EINEM HAUSHALTSGERÄT ABGEGEBENE ABFALLFLÜSSIGKEIT UND VERFAHREN ZUR MONTAGE/DEMONTAGE SOLCH EINER FILTERANORDNUNG

Title (fr)
ENSEMBLE FILTRE POUR FLUIDE USÉ DÉCHARGÉ PAR UN APPAREIL MÉNAGER ET PROCÉDÉ DE MONTAGE/DÉMONTAGE D'UN TEL ENSEMBLE DE FILTRE

Publication
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Application
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Abstract (en)
The present invention relates a filter assembly (10) for filtering a waste fluid discharged by a household appliance. The filter assembly (10) comprises a filter module (16) comprising a filter element (12) and a support (14) for said filter element (12), wherein the filter element (12) is removably couplable to the support (14), and a filter housing (18) receiving the filter module (16), wherein the filter module (16) is removably couplable to the filter housing (18). The support (14) comprises at least one first retention element (110) and at least one second retention element (120). The filter element (12) comprises at least one corresponding third retention element (130) configured to be removably coupled to said at least one first retention element (110) so as to allow a removable connection between the filter element (12) and the support (14). The filter housing (18) comprises at least one corresponding fourth retention element (140) configured to be removably coupled to said at least one second retention element (120) so as to allow a removable connection between the filter module (16) and the filter housing (18).

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Citation (search report)

- [X] WO 2017050371 A1 20170330 - VOLVO TRUCK CORP [SE]
- [A] EP 3736032 A1 20201111 - YUAN MEI CORP [TW]
- [A] WO 2021024099 A1 20210211 - UFI FILTERS SPA [IT]
- [A] US 2014008310 A1 20140109 - WESTON NANCIE [US], et al
- [A] US 2018161707 A1 20180614 - ROESGEN ANDRÉ [DE], et al

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